AMENDMENTS TO THE CLAIMS

1. (Currently amended) An extensible method for simplifying input provided to a computer program comprising:

ereating receiving a framework for a first grammar level;

- performing a first transformation of said framework to generate a first set of rules relating to interpretation of said first grammar level, wherein the first set of rules are based on a schema of the framework defined for the first grammar level;
- performing a second transformation of said framework to generate a first presentation style for said first grammar level;
- obtaining a user defined input in said first grammar, said user defined input conforming to said first set of rules and said framework; and
- applying said first set of rules and said first presentation style to said user defined input to generate an output in a second grammar <u>level conforming to document rules of an application parser understood by an application's parser</u>.
- 2. (Original) The method of claim 1, wherein said creating a framework comprises:
 - creating one or more files having grammar definitions conforming to a second set of rules; and
 - transforming said one or more files into said framework using a second presentation style conforming to said framework.
- 3. (Original) The method of claim 1, wherein said first transformation is in accordance with a third presentation style.
- 4. (Original) The method of claim 1, wherein said second transformation is in accordance with a fourth presentation style.
- 5. (Original) The method of claim 1, wherein said first grammar of said user defined input is extensible.

- 6. (Original) The method of claim 1, wherein said second grammar understood by said application's parser is fixed.
- 7. (Original) The method of claim 1, wherein said data representation language is extensible markup language (XML).
 - 8. (Currently amended) A computer readable product comprising:
 - a computer readable medium having a computer readable product comprising a computer readable document embodied therein, said computer readable document utilized for input into a rule engine, said computer readable document created by performing a method comprising:

ereating receiving a framework for a first grammar level;

- performing a first transformation of said framework to generate a first set of rules relating to interpretation of said first grammar level, wherein the first set of rules are based on a schema of the framework defined for the first grammar level;
- performing a second transformation of said framework to generate a first presentation style for said first grammar level;
- obtaining a user defined input in said first grammar, said user defined input conforming to said first set of rules <u>and said framework</u>; and
- applying said first set of rules and said first presentation style to said user defined input to generate an output in said document, said output conforming to a second grammar level <u>conforming to document rules of an application</u> parser <u>understood by an application</u>'s <u>parser</u>.
- 9. (Original) The computer readable product of claim 8, wherein said creating a framework comprises:
 - creating one or more files having grammar definitions conforming to a second set of rules; and
 - transforming said one or more files into said framework using a second presentation style conforming to said framework.

- 10. (Original) The computer readable product of claim 8, wherein said first transformation is in accordance with a third presentation style.
- 11. (Original) The computer readable product of claim 8, wherein said second transformation is in accordance with a fourth presentation style.
- 12. (Original) The computer readable product of claim 8, wherein said first grammar of said user defined input is extensible.
- 13. (Original) The computer readable product of claim 8, wherein said second grammar understood by said application's parser is fixed.
- 14. (Original) The computer readable product of claim 8, wherein said data representation language is extensible markup language (XML).
 - 15. (Currently amended) A computer program product comprising:
 - a computer readable medium having computer program code for extensibly simplifying input provided to a computer program embodied therein, said computer program code configured to cause a computer to:
 - ereate receive a framework for a first grammar level, wherein said framework comprises a schema;
 - perform a first transformation of said framework to generate a first set of rules relating to interpretation of said first grammar level, wherein the first set of rules are based on a schema of the framework defined for the first grammar level;
 - perform a second transformation of said framework to generate a first presentation style for said first grammar level;
 - obtain a user defined input in said first grammar, said user defined input conforming to said first set of rules <u>and said framework</u>; and
 - apply said first set of rules and said first presentation style to said user defined input to generate an output in said document, said output conforming to a second grammar level conforming to document rules of an application parser understood by an application's parser.

- 16. (Original) The computer program product of claim 15, wherein said create a framework comprises:
 - creating one or more files having grammar definitions conforming to a second set of rules; and
 - transforming said one or more files into said framework using a second presentation style conforming to said framework.
- 17. (Original) The computer program product of claim 15, wherein said first transformation is in accordance with a third presentation style.
- 18. (Original) The computer program product of claim 15, wherein said second transformation is in accordance with a fourth presentation style.
- 19. (Original) The computer program product of claim 15, wherein said first grammar of said user defined input is extensible.
- 20. (Previously Presented) The computer program product of claim 15, wherein said second grammar understood by said application's parser is fixed.
- 21. (Original) The computer program product of claim 15, wherein said data representation language is extensible markup language (XML).
- 22. (Currently amended) An extensible method for simplifying input <u>requirements</u> for user input provided to a computer program comprising:

ereating receiving a schema for a first grammar level;

- performing a first transformation of said schema to generate a first set of rules relating to interpretation of said first grammar level;
- performing a second transformation of said schema to generate a first presentation style for said first grammar level;
- obtaining a user defined input in said first grammar <u>level</u>, said user defined input conforming to said first set of rules <u>and said schema</u>; and
- applying said first set of rules and said first presentation style to said user defined input to generate an output in a second grammar conforming to document rules of an application parser understood by an application's parser.

- 23. (Original) The method of claim 22, wherein said creating a schema comprises:
 - creating one or more files having grammar definitions conforming to a second set of rules; and
 - transforming said one or more files into said schema using a second presentation style conforming to said schema.
- 24. (Original) The method of claim 22, wherein said first transformation is in accordance with a third presentation style.
- 25. (Original) The method of claim 22, wherein said second transformation is in accordance with a fourth presentation style.
- 26. (Original) The method of claim 22, wherein said first grammar of said user defined input is extensible.
- 27. (Original) The method of claim 22, wherein said second grammar understood by said application's parser is fixed.
- 28. (Original) The method of claim 22, wherein said data representation language is extensible markup language (XML).
- 29. (New) An extensible method for simplifying input requirements for user input provided to a document parser, the method comprising:
 - receiving a schema for a first extensible markup language ("XML") grammar level, wherein the schema conforms to a first document type definition ("DTD");
 - performing a first transformation of said schema in accordance with a first stylesheet to generate from said schema a second DTD relating to interpretation of said first grammar level;
 - performing a second transformation of said schema in accordance with a second stylesheet to generate a third stylesheet for said first grammar level;
 - obtaining a user defined input in said first grammar level, said user defined input conforming to said first DTD and said second DTD; and

applying said second DTD and said third stylesheet to said user defined input to generate an output in a second grammar level that conforms to a third DTD used by the parser.